

BIRDS OF FRASER ISLAND AND ADJACENT WATERS

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ABSTRACT

Two hundred birds are listed from Fraser Island, the waters of Hervey Bay and the island's Pacific Ocean shoreline. Notes on breeding are included where information is available.

Lying close to the mainland of southeast Queensland, Fraser Island has an area of 150,616 hectares. It is composed almost entirely of sand, the only hard rock exposed are the basalt outcrops at Indian Head, Waddy Point and Middle Rocks (Whitehouse, 1968). There are many lagoons, swamps, creeks, and a number of lakes which occur up to 100 metres above sea level. Seepage areas on to the beach are common on the ocean side of the island south of Indian Head. Most of the island is vegetated but bare sand is exposed on the frequent blowouts along its eastern side, especially in the area just south of Indian Head.

Plant species are numerous, some reaching their most northerly range, and others their most southerly (Francis, 1951; Blake, 1968). Coaldrake (1961) distinguishes 25 plant formations which he includes as wallum. The major ecosystems are those of the fore-dunes, hind-dunes, scrub-woodlands, wallum swamps and heaths, open forests, and rainforests (Anderson, in press). Blake (1968) describes the rainforests as 'quite well developed structurally though less complex than some communities on the mainland'. Mangroves occur in suitable situations along the western shores south of Wathumba Creek.

In the winter of 1962, a restricted programme of field-work was undertaken on Fraser Island in the area defined in the map (Fig. 1) by staff of the Queensland Museum (the late G. Mack, D. P. Vernon, the late M. E. McAnna, T. P. Tebble, and S. Breeden) with the approval of the Department of Primary Industries Fauna Branch. These Queensland Museum collections have been augmented by Miss M. Hawken's donations of beach-washed specimens and by specimens collected by D. H. Barry. Sources of information for this paper and their abbreviations used in the list are: the Queensland Museum collection (QM.); D. H. Barry collection for the Queensland Institute of Technology (QIT.); Royal Australasian Ornithologists Union list (RAOU.) (Bryant, 1931); Dorothy and George Makin (D.M., .GM.) and Miss N. Hopkin's (N.H.) list (Makin, 1968); and I. G. Filmer's

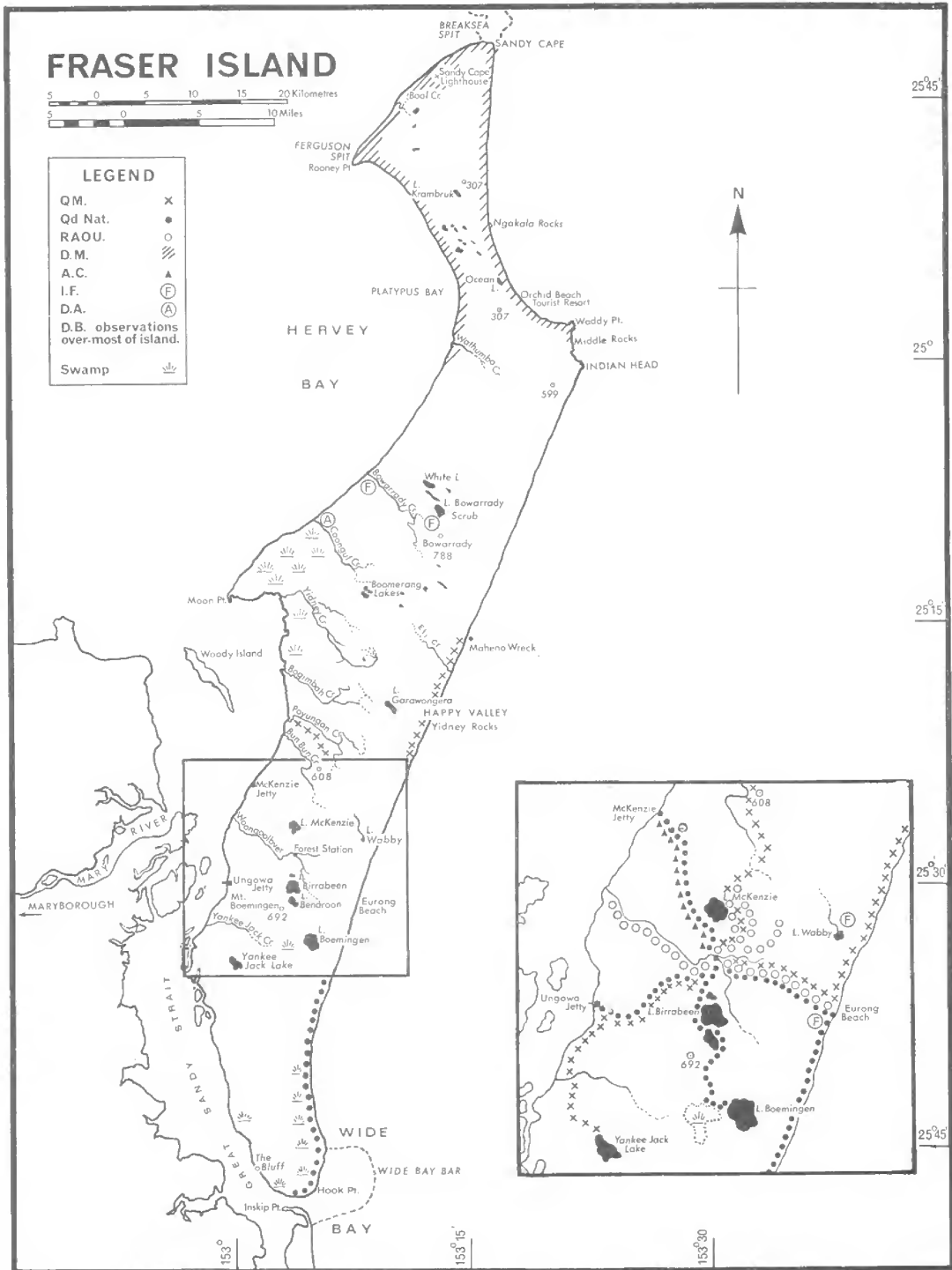


FIG. 1: Map of Fraser Island showing observation and collecting areas.

list (I.F.) (Filmer, 1971a, b). It also includes sightings made by members of the Queensland Naturalist's Club (Qd Nat.) during August 1971 and by A. H. Chisholm (A.C.) in 1922 (Chisholm, 1929). Sightings have been made by D. H. Barry (D.B.) between May 1969 and January 1972 and a single observation by Dale R. Anderson (D.A.).*

Nomenclature follows 'An Index of Australian Bird Names' compiled by C.S.I.R.O. Division of Wildlife Research (1969) with three exceptions and these are noted in the text. Where a specimen has been lodged in either the Queensland Museum or the Queensland Institute of Technology, a registration number is given followed by sex (if known), date of collection, and name of the collector except where a specimen was collected by the staff of the institution in which it is housed. A query (?) before an observer's initials indicates an unconfirmed identification; an asterisk (*) indicates that breeding of the species has been noted and month and year provided, if known; a cross (+) after the sex indicates that the collector noted that the gonads were 'enlarged' and the specimen was probably taken when in breeding or approaching breeding condition. Because most Queensland Museum specimens were collected during early winter, it was premature for breeding for most species. Specimens are all cabinet skins except where otherwise stated.

SYSTEMATIC LIST

- Wandering albatross**, *Diomedea exulans*. QM.O11791, skull, 12.v.1969, D. H. Barry; QM.O11792, skull, 12.v.1969, D. H. Barry; QIT.A7, skull.
- Black-browed albatross**, *Diomedea melanophris*. QM.O10872, 8.v.1967, M. Hawken (formerly identified as *D. chrysostoma*, see Marks, 1968); QM.O11484, 16.vi.1970, S. Peters; D.M., juvenile found dead; ? QIT.A8, skeleton, horny billsheaths fragmented.
- White-capped albatross**, *Diomedea cauta*. QM.O11793, skull, 12.x.1969, D. H. Barry.
- Tahiti petrel**, *Pterodroma rostrata rostrata*. QM.O11165, 12.v.1969, D. H. Barry.
- Brown-headed petrel**, *Pterodroma melanopus*. QM.O11004, feathered head, 8.v.1967, M. Hawken; QM.O11794, skull, 1.v.1971, D. H. Barry.
- Wedge-tailed shearwater**, *Puffinus pacificus*. QM.O11795, skull, 25.x.1969, D. H. Barry; QIT.A3, skull; D.M.
- Short-tailed shearwater**, *Puffinus tenuirostris*. QM. O10871, ♀, 8.v.1967, M. Hawken; QM.O11796, skull, 25.x.1969, D. H. Barry; ? D.M.
- Australian pelican**, *Pelicanus conspicillatus*. QIT.A9, skull, Woody Is., Hervey Bay, 26.xii.1969.
- Australian gannet** *Morus serrator*. D.M.; N.H.; D.B.
- Brown booby**, *Sula leucogaster*. D.M.; N.H.; D.B.
- Black cormorant**, *Phalacrocorax carbo*. ? D.M.; D.B.
- Little black cormorant**, *Phalacrocorax sulcirostris*. Qd Nat.; ? N.H.
- Pied cormorant**, *Phalacrocorax varius*. Qd Nat.; ? D.M.

* While this paper was in press the authors became aware of a list of 65 species of birds observed in the southern part of Fraser I. on 27-28 October 1968 by E. E. Zillman (E.Z.) (Anon. 1968). Only additional species (7) and noteworthy confirmations (2) could be added to the present list at this stage.

- Little pied cormorant**, *Phalacrocorax melanoleucos*. RAOU.; Qd Nat.
Greater frigate-bird, *Fregata minor*. ? D.M.
Lesser frigate-bird, *Fregata ariel*. ? D.M.; D.B.; E.Z.
Little grebe, *Podiceps novaehollandiae*. Qd Nat.; D.B.
White-faced heron, *Ardea novaehollandiae*. QM.O9230, ♀, 24.v.1962; RAOU.; D.M.; D.B.; I.F.
Mangrove heron, *Butorides striatus*. RAOU.
White egret, *Egretta alba*. RAOU.; ? D.M.
Plumed egret, *Egretta intermedia*. ? D.B.
Nankeen night heron, *Nycticorax caledonicus*. G.M.
Black bittern, *Dupetor flavicollis*. RAOU., * Oct. 1930.
Jabiru, *Xenorhynchus asiaticus*. RAOU.; D.M.
White ibis, *Threskiornis molucca*. D.M.; Qd Nat.
Straw-necked ibis, *Threskiornis spinicollis*. D.M.
Royal spoonbill, *Platalea regia*. D.M.
Black swan, *Cygnus atratus*. RAOU.; Qd Nat.
Black duck, *Anas superciliosa*. RAOU.; G.M.; D.B.; Qd Nat.
Grey teal, *Anas gibberfrons*. Qd Nat.
White-eyed duck, *Aythya australis*. E.Z.
Green pigmy goose, *Nettapus pulchellus*. D.B.
Musk duck, *Biziura lobata*. QM.O9335, ♀ +, 16.vi.1962; QM.O9336, ♂ (mounted), 16.vi.1962; QM.O9337, ♀ (mounted), 16.vi.1962; RAOU.; Qd Nat.; D.B.
Black-shouldered kite, *Elanus notatus*. D.M.
Fork-tailed kite, *Milvus migrans*. D.B.
Square-tailed kite, *Lophoictinia insura*. ? D.M.
Red-backed sea eagle, *Haliastur indus*. QM.O9449. 21.vi.1962; RAOU.; D.M.; N.H.; D.B.; Qd Nat.; I.F.
Whistling eagle, *Haliastur sphenurus*. QM.O9417, ♂ +, 3.vii.1962; QM.O9446, ♀, 3.vii.1962; RAOU.; D.M.; N.H.; D.B.; I.F.
Grey goshawk, *Accipiter novaehollandiae*. RAOU., * Oct. 1930; D.M., dead bird; D.B.; Qd Nat.
Australian goshawk, *Accipter fasciatus*. D.M.; Qd Nat.; I.F.
Collared sparrowhawk, *Accipiter cirrocephalus*. ? D.M.
Australian little eagle, *Hieraetus morphnoides*. D.M.; Qd Nat.
Wedge-tailed eagle, *Aquila audax*. RAOU.; Qd Nat.
White-breasted sea-eagle, *Haliaeetus leucogaster*. RAOU., * Oct. 1930; D.M.; N.H.; D.B.; Qd Nat.
Osprey, *Pandion haliaetus*. RAOU.; D.M.; D.B.; Qd Nat., I.F.
Peregrine falcon, *Falco peregrinus*. D.M.; D.B.
Little falcon, *Falco longipennis*. D.M.
Nankeen kestrel, *Falco cenchroides*. D.M.; D.B.
Brown hawk, *Falco berigora*. QM.O9321, ♀, 15.vi.1962; D.M.; D.B.
Brown quail, *Synoicus ypsilophorus*. G.M.; Qd Nat.
King quail, *Excalfactoria chinensis*. A.C.

- Painted quail**, *Turnix varia*. D.M., dead bird; Qd Nat.
- Brolga**, *Grus rubicunda*. RAOU.
- Marsh crake**, *Porzana pusilla*. D.M., dead bird.
- Pied oystercatcher**, *Haematopus ostralegus*. QM.O9181, ♂, 26.v.1962; QM.O9217, ♀, 4.vi.1962; QM.O9240, ♀, 29.v.1962; QM.O9272, ♂, 7.vi.1962; QM.O9273, ♀, 7.vi.1962; QM.O9274, ♀, 7.vi.1962; QM.O9333, ♀, 14.vi.1962; RAOU.; D.M. *; N.H.; D.B.; Qd Nat.; I.F.
- Spur-winged plover**, *Vanellus novaehollandiae*. RAOU.; D.M.; N.H.; D.B.; Qd Nat.
- Red-capped dotterel**, *Charadrius alexandrinus*. QM.O9188, ♂, 27.v.1962; QM.O9189, ♂, 4.vi.1962; QM.O9225, ♂, 4.vi.1962; QM.O9263, ♀, 26.vi.1962; RAOU.; D.M.; N.H.; D.B.; Qd Nat., * July 1971; I.F.
- Double-banded dotterel**, *Charadrius bicinctus*. ? D.M.; ? D.B.
- Mongolian sand dotterel**, *Charadrius mongolus*. D.M.; N.H.
- Large sand-dotterel**, *Charadrius leschenaulti*. E.Z.
- Eastern golden plover**, *Pluvialis dominica*. RAOU.; D.M.
- Turnstone**, *Arenaria interpres*. D.M.; N.H.
- Whimbrel**, *Numenius phaeopus*. RAOU.; D.M.; N.H.; D.B., Qd Nat.
- Eastern curlew**, *Numenius madagascariensis*. RAOU.; D.M., D.B.; Qd Nat.; I.F.
- Grey-tailed tattler**, *Tringa brevipes*. QM.O9262, ♂, 4.vi.1962.
- Sharp-tailed sandpiper**, *Calidris acuminata*. E.Z.
- Pectoral sandpiper**, *Calidris melanotis*. D.B.
- Red-necked stint**, *Calidris ruficollis*. D.M.; N.H.
- Black-tailed godwit**, *Limosa limosa*. E.Z.
- Bar-tailed godwit**, *Limosa lapponica*. D.B.; ? D.M.
- Southern stone curlew**, *Burhinus magnirostris*. QM.O9229, 26.v.1962; RAOU.; D.M.; N.H.; D.B.; Qd Nat.
- Beach stone curlew**, *Esacus magnirostris*. D.M.; D.B.
- Silver gull**, *Larus novaehollandiae*. QM.O9327, ♂, 12.vi.1962; RAOU.; D.M.; N.H.; D.B.; Qd Nat.; I.F.
- Caspian tern**, *Hydroprogne caspia*. D.M.; I.F.
- Gull-billed tern**, *Sterna nilotica*. QM.O9334, ♀, 13.vi.1962.
- Little tern**, *Sterna albifrons*. D.B.; Qd Nat.; ? D.M.
- Crested tern**, *Sterna bergii*. QM.O9176, ♀, 24.v.1962; QM.O9177, ♂, 24.v.1962; QM.O9178, ♂, 24.v.1962; QM.O9179, ♂, 24.v.1962; QM.O9180, ♂, 25.v.1962; QM.O9211, ♂, 24.v.1962; QM.O9212, ♀, 24.v.1962; QM.O9213, ♀, 24.v.1962; QM.O9214, ♀, 24.v.1962; QM.O9215, ♂, 24.v.1962; QM.O9216, ♂, 24.v.1962; QM.O9233, ♂, 24.v.1962; QM.O9234 ♀, 24.v.1962; QM.O9335, ♂, 25.v.1962; QM.O9275, ♂, 24.vi.1962; RAOU.; D.M.; N.H.; D.B.; Qd Nat.; I.F.
- Lesser crested tern**, *Sterna bengalensis*. E.Z.
- Noddy**, *Anous* sp. ? D.M.
- Red-crowned pigeon**, *Ptilinopus regina*. RAOU.; D.M.; N.H.; A.C.
- Wompoo pigeon**, *Megaloprepia magnifica*. RAOU.; D.M.; A.C.
- Top-knot pigeon**, *Lopholaimus antarcticus*. QM.O9330, ♀, 18.vi.1962; QM.O9331, ♂, 18.vi.1962; RAOU.; D.M.; N.H.; A.C.; D.B.

- White-headed pigeon**, *Columba norfolciensis*. RAOU.; A.C.
- Domestic pigeon**, *Columba livia*. Qd Nat.
- Brown pigeon**, *Macropygia amboinensis*. QM.O9319, ♀, 15.vi.1962; QM.O9320, ♀, 15.vi.1962; RAOU.; D.M., * June 1962; A.C.; D.B.; Qd Nat.
- Bar-shouldered dove**, *Geopelia humeralis*. QM.O9182, ♂, 2.vi.1962; QM.O9183, ♀, 26.v.1962; QM.O9184, ♂, 28.vi.1962; QM.O9185, ♂, 2.vi.1962; QM.O9186, ♂, 26.v.1962; QM.O9218, ♂, 24.v.1962; QM.O9232, ♀, 4.vi.1962; RAOU., nest observed, Oct. 1930; D.M.; D.B.; A.C.; Qd Nat.; I.F.
- Peaceful dove**, *Geopelia striata*. RAOU.
- Green-winged pigeon**, *Chalcophaps indica*. QM. O9187, ♂, 2.vi.1962; RAOU.; D.M. *; A.C.; D.B.
- Common bronzewing pigeon**, *Phaps chalcoptera*. RAOU.
- Brush bronzewing pigeon**, *Phaps elegans*. A.C.; I.G. Filmer (pers. com.), 'one pair was flushed from a track just north of Lake Wabby' and 'another pair from a drier forest near the mouth of Bowarrady Creek'.
- Rainbow lorikeet**, *Trichoglossus haematodus*. QM.O9227, ♂, 24.v.1962; QM.O9441, ♂, 21.vi.1962; QM.O9442, ♂ 21.vi.1962; D.M.; G.M.; N.H.; I.F.
- Scaly-breasted lorikeet**, *Trichoglossus chlorolepidotus*. D.M.
- Little lorikeet**, *Glossopsitta pusilla*. QM.O9324, ♂, 18.vi.1962.
- Yellow-tailed black cockatoo**, *Calyptorhynchus funereus*. D.M.; D.B.
- Glossy black cockatoo**, *Calyptorhynchus lathami*. Qd Nat.; D.B.
- Sulphur-crested cockatoo**, *Cacatua galerita*. QM.O9231. ♂, 1.vi.1962; QM.O9328, ♀, 16.vi.1962; QM.O9350, ♂ (mounted), 21.vi.1962; QM.O9418, ♀, 21.vi.1962; RAOU.; D.M.; D.B. Qd Nat.; I.F.
- Red-winged parrot**, *Aprosmictus erythropterus*. RAOU.
- King parrot**, *Aprosmictus scapularis*. RAOU.; Qd Nat.
- Ground parrot**, *Pezoporus wallicus*. A.C.; D.R. Anderson (in association with two foresters) observed on 9.1.1972 'One bird was flushed from the Coongul Creek firebreak in low *Banksia aemula* tree heath'. A. Herrenberg, 1966, reported birds 'in swamp $\frac{3}{4}$ mile south of Poyungan Creek.'
- Pallid cuckoo**, *Cuculus pallidus*. A.C.; E.Z.
- Brush cuckoo**, *Cacomantis variolosus*. D.M.; N.H.
- Fan-tailed cuckoo**, *Cacomantis pyrrhophanus*. QM.O9201, ♀, 1.vi.1962; RAOU.; D.M., dead bird, 1964.; I.F.
- Horsfield bronze cuckoo**, *Chrysococcyx basalis*. ? D.M.
- Golden bronze cuckoo**, *Chrysococcyx lucidus plagosus*. (C.S.I.R.O. list—*Chrysococcyx plagosus*) QM.O9815, specimen found dead by D. Makin and presented 22.ii.1964. Formerly identified as *Chalcites lucidus* (see Makin, 1968); I.F.
- Koel**, *Eudynamis scolopacea*. RAOU.; D.M.; A.C.; Qd Nat.; D.B.
- Channel-billed cuckoo**, *Scythrops novaehollandiae*. D.M.
- Pheasant coucal** *Centropus phasianinus*. QM.O9254, ♂, 25.v.1962; D.M.; D.B.; Qd Nat.; I.F.
- Powerful owl**, *Ninox strenua* D.B., 16.i.1972, saw 'a large owl with a wingspan of approximately $\frac{3}{4}$ metre in rainforest'.

- Barking owl**, *Ninox connivens*. G.M.
- Boobook owl**, *Ninox novaeseelandiae*. QM.O9258, ♀, 3.vi.1962; D.M.; D.B.; Qd Nat.
- Barn owl**, *Tyto alba*. QM.O9259, ♂, 6.vi.1962; D.M.
- Tawny frogmouth**, *Podargus strigoides*. QM.O9255, ♂, 6.vi.1962; QM.O9256, ♀, 30.v.1962; QM.O9257, ♂, 3.vi.1962; D.M., * Dec. 1965; D.B.
- Owlet nightjar**, *Aegotheles cristatus*. G.M., A.C.
- White-throated nightjar**, *Eurostopodus mystacalis*. A.C.; Qd Nat.
- White-tailed nightjar**, *Caprimulgus macrurus*. D.M.; N.H.; A.C.
- Spine-tailed swift**, *Hirundapus caudacutus*. D.M.; N.H.; D.B.; A.C.
- Fork-tailed swift**, *Apus pacificus*. D.M.
- Azure kingfisher**, *Alcyon azurea*. RAOU, * Oct. 1930; D.M.; Qd Nat.
- Laughing kookaburra**, *Dacelo gigas*. QM.O9202, 2.vi.1962; RAOU.; D.M.; N.H.; D.B.; Qd Nat.
- Forest kingfisher**, *Halcyon macleayi*. RAOU.; D.M.; I.F.
- Red-backed kingfisher**, *Halcyon pyrrhopygia*. D.M.
- Sacred kingfisher**, *Halcyon sancta*. QM. O9224, ♂, 26.v.1962; QM.O9245, ♀, 23.v.1962; D.M.; N.H.; I.F.
- Mangrove kingfisher**, *Halcyon chloris*. Qd Nat.; A.C.
- Rainbow bee-eater**, *Merops ornatus*. QM.O9277, ♂, 7.vi.1962; QM.O9463, ♂, 3.vii.1962; RAOU.; D.M.; N.H.; D.B.; Qd Nat.; I.F.
- Dollar-bird**, *Eurystomus orientalis*. RAOU.; D.M.; A.C.
- Noisy pitta**, *Pitta versicolor*. QM.O9329, ♀, 12.vi.1962.
- Singing bush lark**, *Mirafrja javanica*. E.Z. (as Brown field lark).
- Welcome swallow**, *Hirundo neoxena*. QM.O9318, ♂, 9.vi.1962; RAOU.; * Oct. 1930; D.M. *; N.H.; D.B.
- Barn swallow**, *Hirundo rustica*. D.M.; Qd Nat.
- Tree martin**, *Petrochelidon nigricans*. QM.O9174, ♀, 5.vi.1962; QM.O9271, ♀, 5.vi.1962; RAOU.; D.M.
- Fairy martin**, *Petrochelidon ariel*. D.M.; ? I.F.
- Australian pipit**, *Anthus novaeseelandiae*. QM.O9267, ♂ +, 4.vi.1962; D.M.; N.H.; D.B.; I.F.
- Black-faced cuckoo-shrike**, *Coracina novaehollandiae*. QM.O9198, ♂, 1.vi.1962; D.M., * Dec. 1961; N.H.; D.B.
- Little cuckoo-shrike**, *Coracina papuensis robusta*. (C.S.I.R.O. list—*Coracina robusta*) RAOU.; D.M.; Qd Nat.
- Cicada-bird**, *Edoliisoma tenuirostre*. D.M., * 'almost certainly breeds . . . twice a male was heard giving a song performance'.
- Varied triller**, *Lalage leucomela*. RAOU.; D.M.; N.H.; Qd Nat.
- Golden-headed fantail-warbler**, *Cisticola exilis*. Qd Nat.
- Tawny grassbird**, *Megalurus timoriensis*. RAOU.; D.M.; G.M.
- Variegated wren**, *Malurus lamberti*. ? D.B., 'A wren was seen with some blue on it'.
- Red-backed wren**, *Malurus melanocephalus*. QM.O9210, ♂, 27.v.1962; QM.O9253, ♂, 3.vi.1962; D.M., * July, August 1965; N.H.; Qd Nat., * July 1971.; I.F.; A.C.; D.B.
- White-throated warbler**, *Gerygone olivacea*. D.M.; A.C.

- Mangrove warbler**, *Gerygone levigaster*. (C.S.I.R.O. list—Buff-breasted Warbler) A.C.; Qd Nat., * 18.vii.1971.
- Brown thornbill**, *Acanthiza pusilla*. Qd Nat.; I.F.
- Buff-rumped thornbill**, *Acanthiza reguloides*. I.F., identified by call only.
- White-browed scrubwren**, *Sericornis frontalis*. I.F. identified by call only.
- Large-billed scrubwren**, *Sericornis magnirostris*. QM.O9325, ♂, 14.vi.1962; RAOU., * Oct. 1930; observed feeding a Bronze Cuckoo, *Chrysosoccyx* sp., 20.vii.1971, M. Hawken.
- Rose robin**, *Petroica rosea*. D.M.
- Southern yellow robin**, *Eopsaltria australis*. QM.O9226, ♂, 12.vi.1962; QM.O9243, ♀, 1.vi.1962; RAOU.; D.M., * July; D.B.; I.F.
- Grey fantail**, *Rhipidura fuliginosa*. QM.O9268. ♂, 30.v.1962; D.M.; Qd Nat.
- Rufous fantail**, *Rhipidura rufifrons*. D.M.; I.F.
- Willie wagtail**, *Rhipidura leucophrys*. QM.O9270, ♂ (mounted), 6.vi.1962; RAOU.; D.M.; D.B.; Qd Nat.; I.F.
- Leaden flycatcher**, *Myiagra rubecula*. D.M.; N.H.; Qd Nat.
- Satin flycatcher**, *Myiagra cyanoleuca*. ? RAOU. ('It is suggested in the 1930 (R.A.O.U.) list that a *Myiagra* heard calling was probably *M. cyanoleuca* . . . but the *Myiagra* I saw was the Leaden Flycatcher.'—A. H. Chisholm, 1936).
- Shining flycatcher**, *Myiagra alecto*. ? A.C., 'Possibly the Shining Flycatcher also reaches the island occasionally for Mr Walter Petrie spoke of having seen a bird answering its description in the mangroves.'—A. H. Chisholm (1936).
- Restless flycatcher**, *Seisura inquieta*. D.M.; Qd Nat.
- Black-faced flycatcher**, *Monarcha frater*. D.M.
- Spectacled flycatcher**, *Monarcha trivirgata*. RAOU., * Oct. 1930.
- White-eared flycatcher**, *Monarcha leucotis*. RAOU., * Oct. 1930; D.M.
- Golden whistler**, *Pachycephala pectoralis*. D.M.; N.H.; A.C.; Qd Nat.; I.F.
- Rufous whistler**, *Pachycephala rufiventris*. D.M.; N.H.; A.C.; Qd Nat.; I.F.
- Grey shrike-thrush**, *Colluricincla harmonica*. QM.O9203, ♀, 26.v.1962; RAOU.; D.M.; N.H.; Qd Nat., * July 1971.; I.F.; D.B.
- Rufous shrike-thrush**, *Colluricincla megarhyncha*. QM.O9251, ♂, RAOU., * Oct. 1930; Qd Nat., * July 1971.
- Eastern whipbird**, *Psophodes olivaceus*. QM.O9322, ♀, 19.vi.1962; RAOU., * Oct. 1930; A.C.; Qd Nat.; I.F.; D.B.
- White-throated tree-creeper**, *Climacteris leucophaea*. Qd Nat.
- Mistletoe-bird**, *Dicaeum hirundinaceum*. QM.O9209, ♀, 27.v.1962; QM.O9250, ♂, 4.vi.1962; RAOU.; D.M., *; I.F.
- Spotted pardalote**, *Pardalotus punctatus*. D. M., * 'Nest tunnels were made in sandy cutting of road'; N.H.; Qd Nat., * July 1971.
- Black-headed pardalote**, *Pardalotus melanocephalus*. D.M., * July 1963.; I.F.
- Grey-breasted silvereye**, *Zosterops lateralis*. QM.O9269, ♀, 29.v.1962; RAOU.; D.M.; N.H.; D.B.; Qd Nat.; I.F.
- Brown honeyeater**, *Lichmera indistincta*. QM.O9207, ♂ +, 26.v.1962; QM.O9208, ♂ +, 27.v.1962; QM.O9222, ♂, 23.v.1962; RAOU.; D.M.; N.H.; A.C.; Qd Nat.; I.F.
- Dusky honeyeater**, *Myzomela obscura*. QM.O9223, ♂, 26.v.1962; A.C.

- Scarlet honeyeater**, *Myzomela sanquinolenta*. QM.O9224, ♂, 26.v.1962; QM.O9246, ♂, 5.vi.1962; QM.O9247, juv. ♂, 28.v.1962; QM.O9248, ♂, 27.v.1962; QM.O9326, ♂, 12.vi.1962; D.M., * July, August; N.H.; Qd Nat.
- Lewin honeyeater**, *Meliphaga lewinii*. QM.O9249, 26.v.1962; QM.O9266, ♀, 27.v.1962; RAOU., * Oct. 1930; D.M., * July, Aug., Sept.; N.H.; Qd Nat.; I.F.
- Mangrove honeyeater**, *Meliphaga fasciocularis*. A.C.
- Yellow-faced honeyeater**, *Meliphaga chrysops*. D.M.; I.F.
- White-throated honeyeater**, *Melithreptus albogularis*. D.M.; N.H.; Qd Nat.; I.F.
- Blue-faced honeyeater**, *Entomyzon cyanotis*. QM.O9200, ♀, 2.vi.1962; RAOU., * Oct. 1930; D.M.; N.H.; Qd Nat.
- Little friar-bird**, *Philemon citreogularis*. RAOU.; D.M.
- Noisy friar-bird**, *Philemon corniculatus*. QM.O9260, ♀, 27.v.1962; QM.O9261, ♂, 27.v.1962; RAOU., * Oct. 1930; D.M.; N.H.; D.B.; Qd Nat.; I.F.
- White-cheeked honeyeater**, *Phlidonyris niger*. QM.O9191, ♂ +, 23.v.1962; QM.O9192, ♂ +, 25.v.1962; QM.O9193, ♂, 23.v.1962; QM.O9194, ♂ +, 27.v.1962; QM.O9219, ♂ +, 23.v.1962; QM.O9241 ♂ +, 25.v.1962; QM.O9242, ♂ +, 28.v.1962; QM.O11753, imm., 6.x.1971, C.A.C. Cameron; RAOU.; D.M., * May; N.H.; A.C.; D.B.; Qd Nat., * July 1971; I.F.
- Noisy miner**, *Manorina melanocephala*. Qd Nat.
- Little wattle-bird**, *Anthochaera chrysoptera*. Qd Nat.; I.F.
- Red-browed finch**, *Aegintha temporalis*. D.M., * July; N.H.; Qd Nat., * July, 1971; D.B.
- Chestnut-breasted finch**, *Lonchura castaneothorax*. D.M.
- House sparrow**, *Passer domesticus*. D.M.
- Gold finch**, *Carduelis carduelis*. A. Herrenberg reported 'A small flock in residence for a short period at Happy Valley'.
- Starling**, *Sturnus vulgaris*. D.M.
- Olive-backed oriole**, *Oriolus sagittatus*. QM.O9265, ♀, 27.v.1962; D.M., * July 1963; N.H.; Qd Nat.
- Southern fig bird**, *Specotheser vieilloti*. E.Z.
- Spangled drongo**, *Dicrurus bracteatus*. QM.O9197, ♀, 26.v.1962; QM.O9252, ♂, 25.v.1962; QM.O9276, ♀, 7.vi.1962; RAOU.; D.M.; N.H.; A.C.
- Magpie lark**, *Grallina cyanoleuca*. QM.O9278, ♀, 7.vi.1962; D.B.
- White-breasted woodswallow**, *Artamus leucorhynchus*. D.M.; G.M.; I.F.
- Masked woodswallow**, *Artamus personatus*. D.M.
- White-browed woodswallow**, *Artamus superciliosus*. D.M.
- Dusky woodswallow**, *Artamus cyanopterus*. QM.O9175, ♀, 4.vi.1962; QM.O9236, ♀, 5.vi.1962; QM.O9237, ♀, 4.vi.1962; QM.O9238, ♀, 4.vi.1962; QM.O9239, ♂, 5.vi.1962; D.M.
- Pied butcher-bird**, *Cracticus nigrogularis*. RAOU.; D.M.; I.F.; D.B.
- Grey butcher-bird**, *Cracticus torquatus*. D.M., *; N.H.; I.F.
- Black-backed magpie**, *Gymnorhina tibicen*. D.M.
- Regent bower-bird**, *Sericulus chrysocephalus*. ? ♀, G.M.; ? ♂, 18.vii.1971, M. Hawken observed a 'yellow and black bird about the size of a Bower-bird near the forest station'.
- Australian raven**, *Corvus coronoides*. Qd Nat.
- Australian crow**, *Corvus orru*. QM.O9199, ♀, 5.vi.1962; D.M.; N.H.; D.B.; Qd Nat.

CONCLUSIONS

Only 200 bird species are known to occur on the 125 kilometre long island, not many more than half the number recorded for the Brisbane and Moreton Bay area (Vernon, 1968). This paucity was first noted by Bryant (1931, p. 181) when he wrote 'As regards bird life, Fraser Island was somewhat of a disappointment'. The dearth of water bird species could be due to a shortage of organic matter both animal and plant in the sand-filtered water of creeks and lakes.

Although many species not previously recorded from Fraser Island are included in this paper, considerable future additions are expected of tube-nosed birds, migrant waders, perching birds, and others. Recent finds of beach-washed specimens of *Pterodroma rostrata rostrata* and *Pterodroma melanops* added two new species to the Queensland list. (McKean and Vernon, 1971).

It is surprising that some genera well represented on the nearby mainland do not appear to have colonised the island. Fraser Island is the northern limit of *Pezoporus wallicus* and *Biziura lobata* and approximately the southern limit of *Hirundo rustica* and *Myzomela obscura* in eastern Australia.

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